



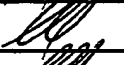

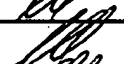
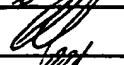

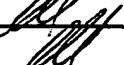
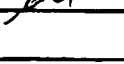






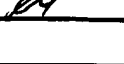
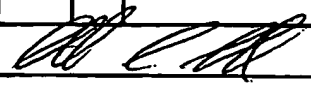




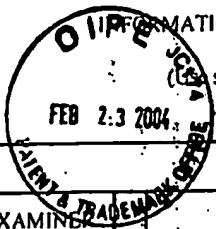
Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. P23703		Serial No. 10/646,812				
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)						Applicant Hiroshi NOMURA						
						Filing Date August 25, 2003		Group 2851				
<b>U.S. PATENT DOCUMENTS</b>												
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EXAMINER <i>[Signature]</i>								DATE CONSIDERED <i>9/15/04</i>				

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<b>U.S. PATENT DOCUMENTS</b>										
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>										
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		10	-	3	2	7 4 0	02/03/98	JAPAN		X
	7	-	2	8	8	7 2 4	10/31/95	JAPAN		X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>										
		1	English Language Abstract of JP 58-10708.							
		2	English Language Abstract of JP 2003-207709.							
		3	English Language Abstract of JP 2002-277719.							
		4	English Language Abstract of JP 10-282394.							
		5	English Language Abstract of JP 58-162914.							
EXAMINER 						DATE CONSIDERED <u>9/15/04</u>				
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August 25, 2003Group  
2851

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	4 5 2 5 0 5 0	06/25/85	OHASHI			
<i>[Signature]</i>	4 6 4 3 5 5 5	02/17/87	WAKABAYASHI			
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<i>[Signature]</i>	4 7 9 2 8 2 2	12/20/88	AKIYAMA et al.			
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<i>[Signature]</i>	4 4 5 1 1 2 9	05/29/84	IKARI et al.			
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<i>[Signature]</i>	5 1 3 6 3 2 4	08/04/92	TSUBOI et al.			
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>[Signature]</i>	5 8 1 4 5 9 3 0	08/31/83	JAPAN			
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JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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